

# DRAFT

## Listing of claims

### Claims 1-43 (canceled)

43. (previously amended) A manikin having a removable piece attached thereto by a magnetic system comprising:
  - (a) a magnetic assembly having a depth-of-pull sufficient to cause the removable piece to begin to move towards the manikin at a distance from the manikin of more than one-quarter of an inch, said magnetic assembly being positioned on said manikin or said removable piece; and
  - (b) an attracted material positioned on the other of said manikin or said removable piece so as to mate with said magnetic assembly wherein said magnetic assembly is a cup magnetic assembly comprising a cup serving as a pole piece.
44. (currently amended) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than ~~about~~ three-fourths of an inch.
45. (currently amended) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than ~~about~~ two-thirds of an inch.
46. (currently amended) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than ~~about~~ one-half of an inch.
47. (currently amended) The manikin of claim 43 wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of at least ~~about~~ one inch.

## DRAFT

48. (previously amended) The manikin of claim 43 wherein said magnetic assembly has a depth-of-pull of at least 120 gauss at a distance of one inch.
49. (currently amended) The manikin of claim 48 wherein said magnetic assembly has a depth-of-pull of at least ~~about~~ 200 gauss at a distance of one inch.
50. (currently amended) The manikin of claim 48 wherein said magnetic assembly has a depth-of-pull of at least ~~about~~ 240 gauss at a distance of one inch.
51. (currently amended) The manikin of claim 48 wherein said magnetic assembly has a depth-of-pull of at most ~~about~~ 250 gauss at a distance of one inch.
52. (previously amended) The manikin of claim 43 wherein said magnetic assembly has a depth-of-pull of at least 380 gauss at a distance of three-fourths inch.
53. (previously amended) The manikin of claim 43 wherein said magnetic assembly has a depth-of-pull of at least 850 gauss at a distance of one-half inch.
54. (previously amended) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength of at least 0.5 pounds.
55. (currently amended) The manikin of claim 54 wherein said magnetic assembly has an on-contact strength of no more than ~~about~~ 20 pounds.
56. (previously amended) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength of at least 60 pounds.
57. (currently amended) The manikin of claim 56 wherein said magnetic assembly has an on-contact strength of at least ~~about~~ 85 pounds.

## DRAFT

58. (currently amended) The manikin of claim 56 wherein said magnetic assembly has an on-contact strength of at least about 100 pounds.
59. (currently amended) The manikin of claim 60 wherein said magnetic assembly has an on-contact strength no greater than about 120 pounds.
60. (previously amended) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength no greater than 180 pounds.
61. (previously amended) The manikin of claim 43 wherein said magnetic assembly is a cup magnetic assembly comprising a circular cup serving as a pole piece.
62. (previously amended) The manikin of claim 61 wherein said magnetic assembly comprises a ring magnet positioned within said cup.
63. Canceled.
64. Canceled.
65. (previously amended) The manikin of claim 61 wherein said magnetic assembly comprises at least one neodymium magnet.
66. (previously amended) The manikin of claim 65 wherein said magnetic assembly comprises two neodymium radial arc magnets touching a ceramic magnet but spaced apart from said pole piece.
67. (previously amended) The manikin of claim 65 wherein said radial arc magnets are spaced apart from said pole piece at least one-eighth inch.
- 68-69 (withdrawn)

## DRAFT

70. (previously amended) The manikin of claim 43 wherein said magnetic system comprises a disc of attracted material for mating with said magnetic assembly which presents a planar circular face.
71. (previously amended) The manikin of claim 43 wherein said attracted material is on said removable piece.
72. (currently amended) The manikin of claim 43 wherein said attracted material is on said ~~form~~ manikin.
73. (previously amended) The manikin of claim 43 comprising a removable piece comprising said attracted material at one end and said magnetic assembly on the other end.

74-76 (withdrawn)

77. (previously amended) The manikin of claim 43 wherein said removable piece is selected from the group consisting of an arm, an upper arm, a lower arm, a hand, a leg, an upper leg, a lower leg, a foot, a head, a torso, a pelvis and a cap.
78. (previously amended) The manikin of claim 77 wherein said magnetic assembly has an on-contact strength of no more than 20 pounds.
- 79-93. Canceled.
94. (previously amended) The form of claim 61, wherein the magnetic assembly comprises a magnet selected from the group consisting of neodymium magnets, samarium cobalt magnets, and alnico magnets.
95. (withdrawn)

**DRAFT**

96. (new) A manikin having a removable piece attached thereto by a magnetic system comprising:

- (a) a magnetic assembly having a depth-of-pull sufficient to cause the removable piece to begin to move towards the manikin at a distance from the manikin of more than one-quarter of an inch, said magnetic assembly being positioned on said manikin or said removable piece; and
- (b) an attracted material positioned on the other of said manikin or said removable piece so as to mate with said magnetic assembly wherein said magnetic assembly is sized for a life-sized manikin joint, has a depth of pull of at least 200 gauss at a distance of one inch, and has an on-contact strength between 85 pounds and 120 pounds.